

DERWENT-ACC-NO: 1999-047206

DERWENT-WEEK: 199949

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TITLE: Gearwheel forming part of gear pump - has at least one  
wheel endface made with breakthrough or recess

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PRIORITY-DATA: 1998DE-2010548 (June 16, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE <u>29810548</u> U1	December 17, 1998	N/A	011	F04C 015/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 29810548U1	N/A	1998DE-2010548	June 16, 1998

INT-CL (IPC): F04C002/10, F04C015/00 , F16N013/20

RELATED-ACC-NO: 1999-573296

ABSTRACTED-PUB-NO: DE 29810548U

BASIC-ABSTRACT:

The gearwheel has at least one endface (20 or 22) made with a breakthrough or a recess. The gearwheel may be made of metal or plastics. Each gearwheel may have endface recesses (24,26) of the same depth in each endface.

The circumferential surface sectors of these recesses run parallel to the adjacent gear flanks and to the gear head, and may become narrower with depth. If the teeth are external, the recesses extend radially beyond the base circle of the teeth into the wheel body.

USE - Lightweight gearwheel forming part of gear pump.

ADVANTAGE - Lighter rotor.

CHOSEN-DRAWING: Dwg.2/4

TITLE-TERMS: GEAR FORMING PART GEAR PUMP ONE WHEEL ENDFACE MADE BREAKTHROUGH  
RECESS

DERWENT-CLASS: Q56 Q68

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1999-034478

①⑨ BUNDESREPUBLIK  
DEUTSCHLAND



DEUTSCHES  
PATENT- UND  
MARKENAMT

⑫ **Gebrauchsmuster**  
⑩ **DE 298 10 548 U 1**

⑤① Int. Cl.<sup>6</sup>:  
**F 04 C 15/00**  
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Rechercheantrag gem. § 7 Abs. 1 GbmG ist gestellt

⑤④ Zahnrad für eine Zahnradpumpe

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